



November 24, 2021

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Request for Special Temporary Authority to Operate Two 0.25m Ku-band Antennas

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession (“Intelsat”), herein requests Special Temporary Authority (“STA”)¹ for 30 days, commencing January 4, 2022, to temporarily operate two identical 0.25m Ku-band antennas with Galaxy 17 (S2715) and Intelsat 37e (S2972) in order to test the antennas. The antennas will be mounted on terrestrial vehicles and the proposed test will be conducted while the antennas are stationary and in motion. The testing is expected to last for 90 days and will occur within a 10-mile radius of Herndon, Virginia and a 20-mile radius of San Juan, Puerto Rico.

The test will be performed in the following frequency bands: 14.0-14.5 GHz in the uplink; and 11.7-12.2 GHz in the downlink. Each 0.25m antenna has a transmit gain of 21.0 dB at 14.0-14.5 GHz and a receive gain of 17.0 dB at 11.7-12.2 GHz. The total EIRP for all carriers will be 18 dBW.

The 24x7 contact information for the requested operations is as follows:

Ph.: (703) 663-0882 – Eric Li

In further support of this request, Intelsat attaches Exhibit A, a Radiation Hazard Report. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antennas, Intelsat will take all reasonable steps to eliminate the interference.

The proposed temporary operation of these antennas will enable Intelsat to test new equipment. Accordingly, grant of this STA request is in the public interest.

Sincerely,

/s/ Cynthia J. Grady

Cynthia J. Grady
Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License LLC

cc: Kerry Murray

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System.